



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Widely scattered thundershowers continued to bring rain to portions of the State. Precipitation was heaviest in counties along the Savannah River, and in areas in the upper Pee Dee. Rainfall was insufficient in many areas to counter the extreme heat that we have been experiencing. Temperatures went above the 100 degree mark at many inland locations, and crops suffered because of it. Areas that have not been fortunate enough to have gotten some rain are seeing a great deal of plant stress in fields. South Carolina's soil moisture levels fell and were reported as 20% very short, 50% short, and 30% adequate. During the week, there was an average of 6.6 days that were suitable for field work.

FIELD CROPS

Most of the **CORN** crop had silked, and 34% had doughed by the week's end. Conditions declined again due to the ongoing high temperatures. Some dry land corn is in poor shape, and is having trouble filling out ears. Corn conditions were reportedly 5% very poor, 16% poor, 40% fair, 37% good and 2% excellent. A little more than a third of **COTTON** had squared. Cotton conditions were reportedly 1% very poor, 3% poor, 38% fair, 52% good, and 6% excellent. Just over one-quarter of **PEANUTS** had pegged. Peanuts conditions declined, but still were in mostly good condition. **SOYBEAN** planting is almost done, while and 87% of the crop had emerged, remaining ahead of schedule for this time of year. Like most other field crops, soybean conditions also fell and were reported at 1% very poor, 7% poor, 44% fair, 45% good, and 3% excellent. Over two-thirds of **TOBACCO** had been topped, with 10% of the leaf being harvested. Tobacco was the only crop that showed any improvement in condition benefiting from rains in the primary growing area, the Pee Dee. **SMALL GRAINS** were ripe and harvest was winding down ahead of schedule. The **GRAIN HAY** harvest was completed for this year.

OTHER ITEMS OF INTEREST

High temperatures are still having a negative impact on **LIVESTOCK** and conditions dropped to 1% poor, 31% fair, 67% good, and 1% excellent. Likewise, **PASTURE** conditions also declined, and were 2% very poor, 14% poor, 55% fair, 28% good, and 1% excellent. Heat is causing quality problems in some vegetables. Unirrigated vegetables were being lost. **TOMATO** and **CUCUMBER** harvest continued to progress well; although, **SNAPBEANS** harvested still remained behind average. **MELON** harvest continued to progress. Forty-two percent of watermelons and 39% of cantaloupes had been harvested by week's end. Thirty percent of **PEACHES** had been harvested. Conditions declined slightly and were reportedly 2% poor, 12% fair, 79% good, and 7% excellent.

Crop Progress for Week Ending June 27, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Harvested	39	40	42	Snapbeans, Fresh, Harvested	60	76	75
Corn, Silked	95	87	81	Soybeans, Planted	98	94	93
Corn, Doughed	34	25	22	Soybeans, Emerged	87	81	81
Cotton, Squared	35	28	32	Tobacco, Topped	69	59	40
Cucumbers, Fresh, Harvested	89	81	88	Tobacco, Harvested	10	3	1
Hay, Grain Hay, Harvested	100	100	99	Tomatoes, Fresh, Harvested	55	53	51
Oats, Ripe	100	100	99	Watermelons, Harvested	42	23	25
Oats, Harvested	97	95	91	Winter Wheat, Ripe	100	100	99
Peaches, Harvested	30	28	27	Winter Wheat, Harvested	94	85	89
Peanuts, Pegged	26	28	24				

Condition for Week Ending June 27, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup	0	5	40	54	1	Peanuts	1	2	32	63	2
Corn	5	16	40	37	2	Snapbeans	0	9	40	50	1
Cotton	1	3	38	52	6	Soybeans	1	7	44	45	3
Livestock	0	1	31	67	1	Tobacco	0	1	15	74	10
Pasture	2	14	55	28	1	Tomatoes	0	3	32	60	5
Peaches	0	2	12	79	7	Watermelons	0	7	40	52	1

South Carolina Weekly Weather Summary for the Week Ending June 27, 2010

On Monday and Tuesday, the coastal sites reported hot, steamy conditions during the morning hours before the sea-breeze phenomena raised wind speeds and forced cooler air to the immediate beaches. At 9:00 a.m. on Monday, Hilton Head instruments indicated an air temperature of 82 degrees over a dewpoint temperature of 82 degrees, yielding 100 percent relative humidity. The Charleston City peninsula measured 1.55 inches of rain on Monday. Onshore winds on Tuesday limited maximum temperatures at Springmaid Pier to 86 degrees and at North Inlet and Ft. Johnson to 88 degrees. Clinton reached 100 degrees on Wednesday. At 5:00 p.m. on Thursday, both the Rock Hill AP and Columbia Metro AP noted relative humidity values of 33 percent versus 84 percent at Hilton Head. The Darlington AP and the Marlboro County Jetport baked under a reading of 102 degrees on Thursday afternoon. Between Wednesday morning and Friday morning, the Sandhill site measured a 48-hour open pan evaporation water loss of 0.93 inches. Only a handful of thunderstorms developed on Thursday. Strong storms affected the Anderson area Friday afternoon. Sandy Springs received 1.46 inches of rain. The Clemson AP recorded a Friday 99 degree high temperature. Early afternoon storms were observed Saturday and Sunday. Most locations missed the downpours which for some brought a welcomed interruption to the heat and rising number of drying acres. Sunday evening storms at Shaw AFB in Sumter produced winds gusting to 59 mph and 2.51 inches of rain that caused localized flooding. Chester measured 1.90 inches of needed rain. The state average temperature for the seven-day period was six degrees above normal.

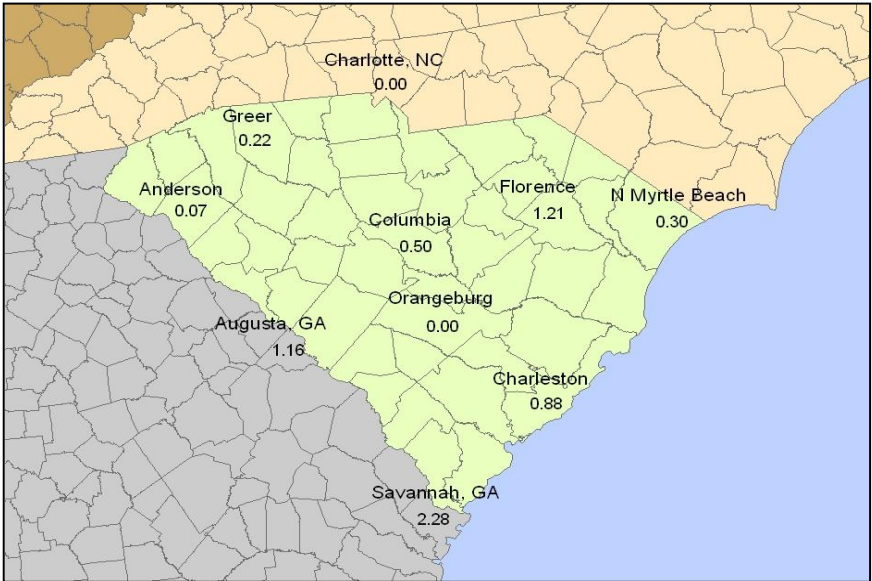
The highest official temperature reported was 104 degrees at Johnston on June 25. The lowest official temperature reported was 63 degrees at Long Creek on June 21. The heaviest official 24-hour rainfall reported was 2.51 inches at Shaw AFB on June 27. The state average rainfall for the period was 0.5 inches.

SOIL: 4-inch depth soil temperature: Columbia 85 degrees, Charleston 87 degrees.
RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 80 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.22	21.58	-4.0
Anderson	0.07	20.10	-3.9
Columbia	0.50	14.24	-9.5
Orangeburg	0.00	17.07	-6.6
Charlotte, NC	0.00	20.65	-1.0
Augusta, GA	1.16	15.08	-7.9
Florence	1.21	21.26	0.3
N Myrtle Beach	0.30	14.15	-5.2
Charleston	0.88	24.75	1.8
Savannah, GA	2.28	23.00	0.6

Weekly rainfall totals this period ending midnight Sunday.



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